WARRANTY

evo Medical Solutions warrants the Aeroneb® Go AC and Battery Powered Controller to be free from defective workmanship and materials for a period of two years from the date of purchase. The Nebulizer unit shall be warranted for a period of one year from the date of purchase. Check with your dealer for more details. This warranty is limited to the original purchaser of the Aeroneb® Go Nebulizer. Any defective part or assembly will be repaired or replaced, at the sole discretion and determination of evo Medical Solutions if the unit has not been misused or tampered with during the warranty period. Shipping charges, if any, shall be paid by the purchaser.

NOTE: There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to the duration of the express limited warranty and to the extent permitted by law and all implied warranties are excluded. This warranty does not cover providing a loaner nebulizer, compensating for costs incurred for nebulizer rental, or labor costs incurred in repairing or replacing defective part(s).

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evo

Aeroneb® Go
Micropump Nebulizer

Instruction Manual

INTRODUCTION

Be sure to read these instructions completely before use.

Thank you for purchasing the Aeroneb® Go Nebulizer.

Certain conditions such as asthma, COPD (chronic obstructive pulmonary disease) and cystic fibrosis require that prescribed liquid medication be turned into a fine mist, called an aerosol, and then inhaled into the lungs. The Aeroneb® Go turns liquid medication into an aerosol, which you can then inhale through a mouthpiece or an aerosol mask into your lungs.

The Aeroneb® Go uses the unique OnQ™ Aerosol Generator, which is unlike any other nebulizer technology available. When you turn on your nebulizer, OnQ pumps liquid through tiny holes in a wafer-thin metal plate to create a soft mist aerosol.

The Aeroneb® Go, for use by pediatric and adult patients, is intended to aerosolize physician-prescribed solutions for inhalation that are approved for use with a general-purpose nebulizer. Designed with your needs in mind, the Aeroneb® Go is lightweight, compact and silent. The control module operates with three (3) "AA" disposable batteries, or can alternatively be powered by the AC/DC Adapter or AC Controller.

CAUTION: Federal law restricts this device to sale by or on the order of a physician.

Operate this unit only as instructed by the Aeroneb® Go Instruction Manual. Thoroughly read and understand the information contained in these instructions before using the Aeroneb® Go.

For future reference, SAVE AND REFER TO THESE INSTRUCTIONS.

REPLACEMENT PARTS AND ACCESSORIES

PART	REORDER NUMBER
7000	
Battery Controller with Cable	21105
7030	
Wall Mount Adapter*	21099
7070	
Battery Controller with Cable	21105
Wall Mount Adapter*	21099
7090	
Battery Control Module	22213
AC/DC Power Adapter	22215
REPLACEMENT PARTS AND ACCESSORIES FOR ALL MODELS	
Medication Cup Cap	22210
MicroPump with Chamber, Mouthpiece, Reservoir and Cap	22218
Nebulizer Body	22207
Mouthpiece	22205
Battery Powered Controller Cable	22201
Mask Connector Elbow (US)	22203
Dragon Mask	1010M
Carrying Case	29049
"AA" Battery, each	21120
Instruction Manual*	22263
PEDIATRIC ACCESSORIES, PACKAGED SEPARATELY	
Safari Sam Color Book Kit, each	22316
Safari Sam Color Book Kit, 12/pack	22317

To order replacement parts or accessories, visit your local home medical equipment dealer or pharmacy.

*Contact your local supplier for reorder number specific for your geographical region.

If you have any questions or problems regarding your Aeroneb® Go nebulizer, contact your local home medical equipment dealer or pharmacy.

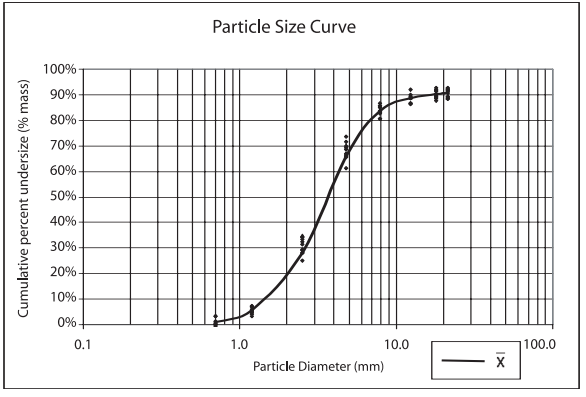
Your Aeroneb® Go was tested and inspected at the factory and is a premium device that has a life expectancy of at least one year (730 treatments) with proper care and cleaning. Lack of proper care and cleaning, disassembly of the retaining ring or misuse will void the warranty.

PERFORMANCE

- Aerosol flow rate: Greater than 0.25 mL per minute
- Residual Volume: <0.1 mL for a 3 mL dose
- Aerosol output rate: 0.2 mg per minute (salbutamol)
- Average particle size: 3.6 microns mass median aerodynamic diameter
- Medication Cup capacity: Maximum of 6 mL
- Average pneumatic resistance @60 L/min: 2.2 cm/L/sec
- Rebreathed volume with mouthpiece: 46 mL
- The temperature of the medication may rise to 10°C (18°F) above ambient temperature during normal use.

Performance may vary depending on the type of drug you use and may not apply to drugs not approved for general purpose nebulizers such as suspensions or drugs with high viscosity. For additional information, contact evo Medical Solutions or your drug supplier.

Performance may also be affected by improper cleaning. Carefully clean the Medication Cup after every use. See Cleaning Instructions on page 11.



IMPORTANT SAFEGUARDS

When you use electrical products, especially around children, always follow basic safety precautions.

READ ALL INSTRUCTIONS BEFORE YOU USE YOUR NEBULIZER

WARNING:

- The AC/DC Adapter does not charge batteries.
- If you are using batteries and the green light is flashing, your batteries are low. You may finish your treatment and then change the three "AA" batteries immediately.
- Do not share your Aeroneb® Go Nebulizer with others. It is intended for use by a single user. If more than one person uses it, there is a risk of spreading infectious illness.
- Always unplug this product immediately when not in use.
- Adult supervision is required when this product is used by individuals who require special assistance, such as children.
- Use this product only for physician-prescribed solutions for inhalation as described in this manual.
- Do not use components or attachments that are not recommended by evo Medical Solutions. Refer to the Replacement Parts and Accessories section in this manual.
- Never operate this product if any of the parts are not working properly or have been damaged.
- Do not use the Aeroneb® Go Nebulizer in the presence of a flammable anesthetic mixture with air, oxygen or nitrous oxide.
- Do not use the Aeroneb® Go Nebulizer with anesthetic breathing systems or lung ventilator breathing systems.

IMPORTANT SAFEGUARDS (Cont.)

- Do not place or drop this product into water or any liquid when it is plugged into a power source.
- Keep this product and cords away from heated surfaces.

WARNING:

- Be sure the device has been properly cleaned before each use to avoid possible contamination.
- Clean the device after every use. Medication remaining in the device will dry and reduce the efficiency of the device resulting in longer times to dispense the medication. Failure to clean device according to instructions may compromise performance or result in device not working properly.
- Do not use rechargeable batteries.
- The green light flashing indicates a low battery. The Aeroneb Go may not turn on properly, and stop working without warning.
- If after proper cleaning, it takes longer than 15 minutes to deliver 3mL of medication, the Nebulizer Unit should be replaced.
- The user should ensure that exhaled medication is directed away from bystanders.
- By connecting the AC/DC Adapter to the Aeroneb Go Control Module, the Aeroneb Go Control Module and batteries are not being charged.
- Keep power cord tidy so that it cannot become disconnected and no one can trip over it.
- Do not nebulize alcohol-based drugs in an oxygen rich/high pressure environment.

If this product is being used to treat a life threatening condition, a backup device is necessary.

ELECTROMAGNETIC SUSCEPTIBILITY

This device meets the requirements of IEC 60601-1-2 which describes requirements for electromagnetic compatibility (EMC) of medical devices. This includes immunity to radio frequency electric fields and electrostatic discharge, in addition to the other applicable requirements of the standard. Compliance with EMC standards does not mean a device has total immunity; certain devices (cellular phones, pagers, etc.) can interrupt operation if they are used near medical equipment.

SPECIFICATIONS

POWER SOURCES:

• Battery Powered Controller: 4.5 VDC (3 "AA" disposable batteries)
• AC Powered Controller: 100-240 VAC, 28-15 mA, 50-60 Hz

POWER CONSUMPTION:

• Less than 2 watts

APPROXIMATE WEIGHT:

• Aeroneb® Go Nebulizer Unit: 60g (2 ounces)
• AC Powered Controller: 180g (6.5 ounces)
• Battery Powered Controller with batteries: 260g (9.3 ounces)

SOUND LEVEL:

• <35 dBA at 1 meter

APPROXIMATE DIMENSIONS:

• Aeroneb® Go Nebulizer Unit (assembled):
40.0 x 105.0 x 93.0 mm (1.6″x 4.1″x 3.7″)
• AC Powered Controller: 51.0 x 46.0 x 87.0 mm (2.0″x 1.8″x 3.4″)
• Battery Powered Controller: 70.0 x 110.0 x 32.0 mm (2.8″x 4.3″x1.3″)

RECOMMENDED OPERATING ENVIRONMENT:

• Temperature range: 5°C to +45°C (+41°F to +113°F)
• Atmospheric pressure: Greater than 697 mBar
• Humidity: up to 95% relative humidity

RECOMMENDED TRANSPORT AND STORAGE ENVIRONMENT

• Temperature range: -20°C to +60°C (-4°F to +140°F)
• Atmospheric pressure: 450 to 1100 mBar
• Humidity: up to 95% relative humidity

TROUBLESHOOTING GUIDE

If you have difficulty operating your Aeroneb® Go, check the following points:

PROBLEM	CHECK	REMEDY
No visible aerosol when using batteries	Check that the batteries are inserted correctly.	Using the markings under each battery location, place each battery in the Battery Powered Controller housing. Match (+) and (-).
	Check to see if the low battery power light is flashing.	Replace the batteries or use the AC Powered Controller.
	Check that the Battery Powered Controller cable is connected properly to the nebulizer and to the Control Module.	Connect the cable properly to the nebulizer and the Battery Powered Controller. (Refer to page 7).
No visible aerosol when using AC Powered Controller.	Check that the AC Powered Controller is plugged correctly into a working AC outlet.	Insert the plug into a working outlet and verify that the green light on the controller is lit (Refer to page 9).
	Check that the AC Powered Controller cable is connected properly to the Aeroneb® Go Nebulizer Unit.	Connect the cable properly to the nebulizer and the AC Powered Controller. (Refer to page 9).
No visible aerosol when power source is functioning	Check that there is medication in the Medication Cup.	Fill the Medication Cup with prescribed medication.
	Inspect Medication Cup to see if it is dirty.	Clean the Aeroneb® Go. Refer to page 11.

If above remedies do not work, call your local supplier.

IMPORTANT CAUTION

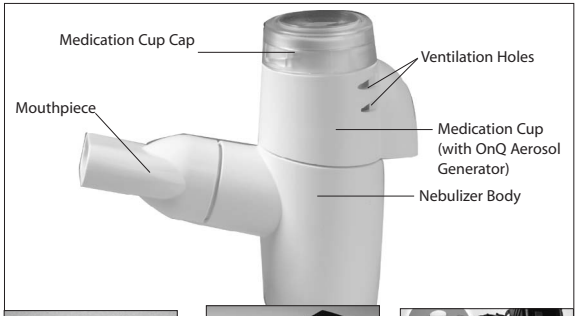
As with any electro-mechanical device, this product may become unusable due to an electrical outage, battery depletion, or mechanical failure. We recommend that you have spare batteries and have a backup device available to you.

CLASSIFICATIONS AND MARKINGS

The symbols that appear on the Aeroneb® Go Nebulizer and its accessories are described in the table below:

Symbol	Meaning
	Attention, consult accompanying documents
	Class II equipment per IEC 60601-1
	Type BF equipment per IEC 60601-1
	Classified by UL with respect to electric shock, fire and mechanical hazards
	Classified by TUV with respect to electric shock, fire and mechanical hazards
SN	Serial number may also be listed as S/N
REF	Model number may also be listed as P/N
	Manufacturer
	Input
	OutputType BF equipment per IEC 60601-1
	DC Voltage
	AC Voltage
	Power On/Off
	Fragile —Handle with care
	Keep Dry
	Storage temperature limits: -20°C to 60°C
IPXI	Drip Proof as per IEC 529
CE 0050	This device complies with the requirements of the Medical Devices Directive (93/42/EEC)
Rx Only	Federal law requires this device to sale by or on the order of a physician

IMPORTANT PARTS



Battery Powered Controller
with detachable power cord

AC/DC Controller
with attached power cord

AC/DC Adapter
with attached power cord

UNIT ASSEMBLY AND USAGE

NOTE: Clean all parts of your Aeroneb® Go Nebulizer (as described in this instruction manual) before first use, after each use, or after extended storage.

PRIOR TO ASSEMBLY:
Check all parts for visible damage. Replace any damaged parts before you use the Aeroneb® Go. In the case of missing parts, malfunction or damage, contact your local Aeroneb® Go representative or evo Medical Solutions.

IMPORTANT NOTICE

Before you begin, run the Medication Cup under hot water, then tap the generator slightly.

IMPORTANT CAUTION

As with any mechanical device, this product may become unusable due to an electrical outage, battery depletion, or mechanical failure. We recommend that you have spare batteries and have a backup device available to you.

If this product is being used to treat a life threatening condition, a backup device is necessary.

- In event of loss of electrical power, remove the AC Powered Controller cable from the Aeroneb® Go Nebulizer Unit and operate with the Battery Powered Controller. (refer to page 7).
- Never clean your Nebulizer Unit with solvents, chemicals, alcohol or abrasive cleaners.
- Do not microwave any parts.
- Do not use brushes, sharp tools or abrasive cloths that could scratch or damage the surfaces.
- Do not clean parts in a dishwasher.
- Do NOT remove the retaining ring under the medication cup.

NOTE: Removal and improper reinsertion of the retaining ring from the underside of the medication cup may cause the unit to leak or malfunction.

- Store your Aeroneb® Go in the carrying case.
- Do not store the Aeroneb® Go in a location where it is exposed to direct sunlight, extreme heat or cold, dust or water. Store out of reach of children.
- Follow local laws and recycling plans regarding disposal or recycling of components, batteries and packaging.
- Before storing your Aeroneb® Go for a long time, remove the batteries from the Aeroneb® Go Control Module and store them separately. If you do not take the batteries out, they may leak and cause your nebulizer to stop working.

VINEGAR SOLUTION: (Cont.)

III. Soak the Nebulizer Unit parts (Medication Cup and Cap, Nebulizer Body, and Mouthpiece or Mask Adapter and Mask) in the solution for thirty (30) minutes.

IV. Rinse all pieces thoroughly under running hot tap water.

V. Shake off excess water, and allow parts to air dry on a clean, dry towel, out of the reach of children.

VI. Make certain that all disinfected parts are completely dry before you store them.

CONTROL lll GERMICIDE:

If you would like to disinfect your nebulizer, you may use the medical disinfectant described below, available from your supplier.

Use only Control lll Laboratory Germicide (Maril Products Inc.) or an equivalent medical disinfectant to disinfect your nebulizer.

I. First, clean the Nebulizer Unit as described in the Daily Cleaning Section, following Steps 1-3.

II. Disinfect the Nebulizer Unit parts (Medication Cup and Cap, Nebulizer Body, and Mouthpiece or Mask Connector Elbow and Mask) according to the manufacturer instructions for the medical disinfectant.

III. Clean the Nebulizer Unit again as described in the Daily Cleaning Section to remove any residual Control lll.

IV. Shake off excess water, and allow parts to air dry on a clean, dry towel, out of the reach of children.

V. Make certain that all disinfected parts are completely dry before you store them.

ASSEMBLY

1. Connect the Medication Cup (containing the OnQ™ Aerosol Generator) to the Nebulizer Body.

NOTE: Make sure the Aeroneb® Go is unplugged before you add medication to the Medication Cup.

2. Fill the Medication Cup with the prescribed nebulizer medication. Never pour more than 6 mL into the cup. The continuous line on the inside surface of the cup indicates the maximum filling level. (When the medication cup contains medication, the cup should remain in an upright position).

CAUTION: To avoid damage to the nebulizer unit, do not use a syringe with needle.

4. Place the Cap on the Medication Cup.

5. Attach Mouthpiece or Mask Connector and mask to Nebulizer Body.

NOTE: Masks are an optional accessory and may be purchased through evo Medical Solutions or your Aeroneb® Go dealer.

TO OPERATE WITH A BATTERY POWERED CONTROLLER

1. Turn the Battery Powered Controller upside down. Slide the battery cover in the direction of the arrow to remove the lid. Put in three (3) "AA" disposable alkaline or lithium batteries, matching them to the plus (+) and minus (-) markings inside the Battery Powered Controller. Replace the cover on the Battery Powered Controller and slide the cover until it locks in place. You can expect at least three (3) hours of operation from a new set of disposable batteries, (up to five (5) hours from high performance batteries).

2. Insert the nebulizer cable connector into the back of the Nebulizer Unit. Slide the cable straight up the nebulizer body.

3. Connect the nebulizer cable to the Aeroneb® Go Battery Powered Controller.

4. Turn on the unit by pressing the "on/off" button on the Battery Powered Controller. The green light on the Battery Powered Controller will light up. Visually verify that aerosol is coming out of the mouthpiece or mask to indicate that the device is functioning properly.

NOTE: (1) If you are using batteries and the green light is flashing, your batteries are low. You may finish your treatment, and

DAILY: (Cont.)

1. Wash the Nebulizer Unit (Medication Cup and Cap, Nebulizer Body, and Mouthpiece or Mask Adapter and Mask) by hand in a solution of warm water and mild liquid dishwashing soap. Use soap intended only for washing dishes by hand. Do not use dishwasher detergent as it is too abrasive. Do not leave parts soaking in soapy water for more than 20 minutes.
2. Rinse all pieces thoroughly under running hot tap water. Make sure that no soap is left on any of the parts.
3. Shake off excess water and allow parts to air dry on a clean, dry towel, out of the reach of children.
4. Make certain that all cleaned parts are completely dry before you store or use them. Do NOT remove the retaining ring under the medication cup.

NOTE: If the Medication Cup is not properly cleaned after every use the nebulizer may become clogged with medication. Improper cleaning will result in poor performance and increased time to nebulize the medication.

NOTE: Water remaining on the underside of the Aeroneb® Go generator after cleaning may cause the unit not to work. Be sure the unit is completely dry prior to use.

NOTE: Do NOT clean the nebulizer in a dishwasher.

OPTIONAL DISINFECTION:

If you would like to disinfect your Aeroneb® Go Nebulizer, you may use the following method.

VINEGAR SOLUTION:

I. First, clean the Nebulizer Unit as described in the daily cleaning section, following steps 1- 2.

II. Fill a container with a mixture of three (3) cups hot water to one (1) cup white distilled vinegar.
(example: Heinz Distilled White Vinegar)

5. Disconnect the cable from the Nebulizer Unit by sliding the cable straight down the handset, disassemble Nebulizer Unit and rinse Nebulizer Unit Parts after each use. Do NOT remove the retaining ring under the medication cup. Wipe dry the connector end of the cable after each use. Clean the Nebulizer Unit and associated parts daily.

CLEANING AND STORING YOUR AERONEB® GO

TO OPTIMIZE THE PERFORMANCE and life expectancy of your Aeroneb Go device, we recommend you follow these cleaning instructions carefully.

AFTER EVERY USE:

Disconnect the power source before you take the nebulizer apart to rinse it.

1. Rinse the Nebulizer Unit (Medication Cup, Nebulizer Body, and Mouthpiece or Mask Adapter and Mask) under running hot tap water after every use.
2. Shake off excess water and you may use device. Keep out of the reach of children.
3. Make certain that all cleaned parts are completely dry before you store or use them.

NOTE: Water remaining on the underside of the Aeroneb® Go generator after cleaning may cause the unit not to work. Be sure to shake off any excess water prior to use.

DAILY:

Disconnect the power source before you take the nebulizer apart to clean it.

then replace the three "AA" batteries. **(2)** If the green light only comes on while depressing the button, immediately replace the three "AA" batteries.

5. Place the mouthpiece between your teeth, with your lips firmly sealed around the mouthpiece. If you use an aerosol mask, place the mask over your mouth and nose. Breathe in and out slowly through your mouth until aerosol formation stops. Do not cover ventilation holes.

NOTE: Aerosol mask is not provided.

NOTE: (1) The Battery Powered Controller is designed to shut off after 16 minutes. If medication still remains in the cup, press the "on/off" button on the Battery Powered Controller to continue your treatment. **(2)** Battery life is dependent upon not only the number of treatments per day, but also the length of each treatment. It is recommended that you always have a spare set of new batteries available to you.

6. Press the "on/off" button on the Battery Powered Controller again to turn the nebulizer off. Disconnect the cable from the Nebulizer Unit by sliding the cable straight down the handset, disassemble Nebulizer Unit and rinse Nebulizer Unit Parts after each use. Do NOT remove the retaining ring under the medication cup. Wipe dry the connector end of the cable after each use. Clean the Nebulizer Unit and associated parts daily.

NOTE: Removal and improper reinsertion of the retaining ring from the underside of the medication cup may cause the unit to leak or malfunction.

TO OPERATE WITH AN AC/DC POWERED CONTROLLER

The nebulizer can be powered directly with an AC Powered Controller.

NOTE: Aerosol mask is not provided.

1. Insert the AC Powered Controller cable connector into the back of the Nebulizer Unit by sliding the cable straight up the nebulizer body.

2. Plug the AC Powered Controller into a standard AC electrical outlet using the appropriate outlet adapter. The green light on the AC Powered Controller will light up.

3. Visually verify that aerosol is coming out of the mouthpiece or mask to indicate that the device is functioning properly.

4. Place the mouthpiece between your teeth, with your lips firmly sealed around the mouthpiece. If you use an aerosol mask, place the mask over your mouth and nose. Breathe in and out slowly through your mouth until aerosol formation stops. Do not cover the ventilation holes during use.

5. Unplug the AC Powered Controller from the wall to turn it off. Disconnect the cable from the Nebulizer Unit by sliding the cable straight down the handset, disassemble Nebulizer Unit and rinse Nebulizer unit Parts after each use. Wipe dry the Connector end of the cable after each use. Clean the nebulizer unit and associated parts daily. Do NOT remove the retaining ring under the medication cup.

TO OPERATE BATTERY POWERED CONTROLLER WITH AN AC/DC ADAPTER

1. Alternatively, you can power the device by using the AC Adapter if provided. Plug the AC adapter into a standard AC electrical outlet, a green light on the adapter indicates that the AC adapter is turned on. Plug the AC cable into the Control Module, indicated by the Input Symbol (See Classifications and Markings, pg. 4).

NOTE: The AC/DC Adapter does not charge batteries.

2. Turn on the unit by pressing the "on/off" button on the Battery Powered Controller. The green light on the Battery Powered Controller will light up. Visually verify that aerosol is coming out of the mouthpiece or mask to indicate that the device is functioning properly.

3. Place the mouthpiece between your teeth, with your lips firmly sealed around the mouthpiece. If you use an aerosol mask, place the mask over your mouth and nose. Breathe in and out slowly through your mouth until aerosol formation stops. Do not cover the ventilation holes during use.

4. Press the "on/off" button on the Battery Powered Controller again to turn the nebulizer off.